

As a below r	named inventor, I hereby declare that:
This declarat	on is of the following type:
	original
	divisional
	continuation
\boxtimes	continuation-in-part
	INVENTORSHIP IDENTIFICATION
believe I am original, first	e, post office address and citizenship are as stated below next to my name. I the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which id for which a patent is sought on the invention entitled:
1	NSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE
•	SPECIFICATION IDENTIFICATION
The specifica	ation of which:
	is filed herewith
\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or
	Express Mail No.(as Serial No. not yet known) and was amended on (if applicable)
	was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on
ACK	NOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby sta specification	te that I have reviewed and understand the contents of the above-identified, including the claims, as amended by any amendment referred to above.
accordance examination that a reaso	ge the duty to disclose all information I know to be material to patentability in with Title 37, Code of Federal Regulations, §1.56, and which is material to the of this application; namely, information where there is a substantial likelihood mable Examiner would consider it important in deciding whether to allow the prissue as a patent.
	In compliance with this duty there is attached an Information Disclosure

provisional o international a America listed for patent or i one country of	r foreign ap application(s) d below, and nventor's cer other than the	ority benefits under plication(s) for pate designating at least have also identified but tificate or any PCT in United States of Amethat of the application	nt or inventor's one country ot pelow any provis ternational appl perica filed by m	s certificate of her than the lisional or foreig lication(s) des lie on the sam	or of any PCT United States of gn application(s) ignating at least e subject matter
\boxtimes	No such ap	plications have been	filed.		
	Such applic	ations have been file	d as follows:	•	
		application(s) filed nd any priority claim			lesign) prior to
Country/Po	CT A	oplication Number	Date Filed	Priority C Yes Yes	No -
	reign applica to this U.S. a	ation(s), if any, filed application	more than 12 r	nos. (6 mos.	for design)
	Country/P	CT Application	on Number	Filing Date	
C. U.S. F	Provisional <i>F</i>	Application filed with	nin 12 months	prior to this a	application
	<u>Se</u>	rial Number Fi	ling Date		
•					
		PRIORITY CLAIM	I (35 USC §120)	
application(s) that is/are lis application is first paragrap information there is subsideciding whe	or PCT intested below as not disclose oh of Title 35 nat is material likelither to allow	under Title 35, Uniternational application of the second in that/those prior in the second in that/those prior in the examination of the application to issolication(s) and the necessity in the application and the necessity in the application to issolication(s) and the necessity in the application to issolication(s) and the necessity in the application i	(s) designating subject matter of application(s) in e, §112, I acknot this applicationle Examiner was a patent	the United Stop each of the manner cowledge the con (namely, in would conside) which occur	ates of America e claims of this provided by the duty to disclose formation where it important in red between the
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Serial Nun 10/288,229		ing Date ovember 5, 2002	Patented	Pending ⊠	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William B. Patterson Registration No. 34,102 Registration No. 37,906 B. Todd Patterson Registration No. 34,682 Raymond R. Moser, Jr. Registration No. 32,008 Keith M. Tackett Registration No. 46,222 Jason C. Huang Randol W. Read Registration No. 43,876 Kyla D. Cummings Registration No. 50,682 Registration No. 53,000 David M. Haugen

Send correspondence and direct telephone calls to:

William B. Patterson MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056 Telephone: 713/623-4844

Same as above

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Full name of first invent	or: DAVID G.	HOSIE
Inventor's signature:		Date:
Residence:	63 Harbor View Drive Sugar Land, Texas 7 U.S.A.	·
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second in	ventor: MICHAEL	BRIAN GRAYSON
Inventor's signature:	1415 Shady Valley D Sugar Land, Texas 7 U.S.A.	

Country of Citizenship: U.S.A.

Post Office Address:

Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inve	entor: F.X. BOSTIC	<, III
Full name of fourth inve	entor: F.X. BOSTIC	<, III Date:
	7022 Northhampton W Houston, Texas 77055 U.S.A.	Date:



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provisional or international a America listed for patent or ir	foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT pplication(s) designating at least one country other than the United States of below, and have also identified below any provisional or foreign application(s) eventor's certificate or any PCT international application(s) designating at least then the United States of America filed by me on the same subject matter
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Α.					vithin 12 mos s under 35 U		design) prior to
Cou	intry/PC	<u> </u>	<u>Applicatio</u>	n Number	Date Filed	Priority (☐ Yes ☐ ☐ Yes ☐] No
В.			lication(s), S. applicati		more than 12	mos. (6 mos	. for design)
		<u>Countr</u>	y/PCT	Application	n Number	Filing Date	
C.	U.S. P	rovision	al Applicati <u>Serial Nun</u>		in 12 months ling Date	prior to this	application
			PRIO	RITY CLAIM	(35 USC §120	D)	
applica that is applica first pa inform there decidia	ation(s) s/are lise ation is aragrap ation the is subse ng whet date of	or PCT ted below not discled hof Title at is mattantial like the reconstruction of the second second terms of the reconstruction of the second	internationa v and, inso osed in that 35, United erial to the e telihood that ow the app	I application(far as the s t/those prior a States Code examination of t a reasonal lication to iss	s) designating ubject matter application(s) e, §112, I ack of this applicatule Examiner ue as a paten	the United S of each of the in the manne nowledge the ion (namely, i would consid t) which occu	iny United States of America he claims of this reprovided by the duty to disclose of the disconformation where er it important in the filing date of this state.
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Full name of first invento	DAVID.G.	HOSIE
Inventor's signature:	63 Harbor View Drive Sugar Land, Texas 7	Date: //3//04
	U.S.A.	Country of Citizenship, New 15 K
Post Office Address:	Same as above	Country of Citizenship: D.S.A. LJK
Full name of second inv	ventor: MICHAEL	BRIAN GRAYSON
Inventor's signature:		Date:
Residence:	1415 Shady Valley Dr	
	Sugar Land, Texas 7 U.S.A.	7479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Full name of third invento	or: R.K. BANSAL	
Inventor's signature:	;	Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inver	ntor: F.X. BOSTIC	K, III
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В.			lication(s) S. applicat		more than 12	mos. (6 mos	. for design)
		Country	v/PCT	Application	on Number	Filing Date	
C.	U.S. P	rovisiona	al Applicat	ion filed with	in 12 months	prior to this	application
			Serial Nu	<u>mber</u> <u>Fi</u>	ling Date		· .
			e e				
			PRIC	ORITY CLAIM	(35 USC §12	0)	
applicathat is application first particular first particu	ation(s) s/are lis ation is aragrap ation th is subs ng wher date of	or PCT inted belowed the description of Title at is mate the tantial like the to all	nternationary and, insoped in the 35, United arial to the elihood that ow the app	al application(ofar as the s at/those prior d States Cod examination of at a reasonal olication to iss	s) designating ubject matter application(s) e, §112, I ack of this applicationer as a paten	the United of each of the manner of the	any United States States of America the claims of this er provided by the e duty to disclose information where der it important in urred between the I filling date of this
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Full name of first invent	tor: DAVID G. H	OSIE	
		D-4-	
Inventor's signature:		Date:	_
Residence:	63 Harbor View Drive Sugar Land, Texas 77 U.S.A.	479	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.	
Full name of second in	ventor: MICHAEL E	BRIAN GRAYSON	
Inventor's signature:		Date:	
Residence:	1415 Shady Valley Driv Sugar Land, Texas 77 U.S.A.		
Post Office Address:	Same as above	Country of Citizenship: U.S.A.	

Full name of third invento	or: R.K. BANSAL	
Inventor's signature: Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	Date: January 30, 2004
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inven	ntor: F.X. BOSTICI	K, III
Inventor's signature: Residence:	7022 Northhampton W Houston, Texas 77055	Date:
Post Office Address:	U.S.A. Same as above	Country of Citizenship: U.S.A.



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			PRI	ORITY CLAIN	1 (35 USC §126	0)	•
applic that is applic first p inform there decidi	ation(s) s/are lis ation is aragrap ation th is subs ng whe date of	or PCT ted below not discluding the foliation material like the total	internation w and, ins osed in the 35, Unite erial to the celihood the low the ap	al application of ar as the sat/those prior d States Codexamination at a reasona plication to is:	(s) designating subject matter application(s) le, §112, I ack of this applicat ble Examiner sue as a patents	the United Soft each of the manner of the	any United States States of America he claims of this r provided by the e duty to disclose nformation where er it important in rred between the filing date of this
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Full name of fourth inve	entor: F.X. BOSTICH	C, 111
Inventor's signature:	RBM	Date: 02 19 04
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	ay 430 Hickory Post Ln. Houston, Texas 77079
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applicathat is application in applic	ation(s) s/are lis ation is aragrap ation th is subs ng wher date of	or PCT ir ted below not disclo h of Title at is mate tantial like ther to allo	nternational a and, insofa sed in that/t 35, United S rial to the ex elihood that by the applic	application(r as the s nose prior States Cod- amination o a reasonal ation to iss	s) designating ubject matter application(s) ie, §112, I ack of this applicatione Examiner to as a paten	the United Sof each of the manner of the	any United States States of America he claims of this er provided by the e duty to disclose information where ler it important in urred between the filling date of this
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Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second in	ventor: MICHAEL I	BRIAN GRAYSON
Inventor's signature:		Date: 2-02-04
Residence:	1415 Shady Valley Dri	
•	Sugar Land, Texas 77	7479
	U.S.A.	

Country of Citizenship: U.S.A.

Post Office Address:

Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above C	ountry of Citizenship: U.S.A.
Full name of fourth inve	entor: F.X. BOSTICK,	11
Full name of fourth inve	entor: F.X. BOSTICK,	II
	entor: F.X. BOSTICK,	III Date:
Full name of fourth inventor's signature:Residence:	7022 Northhampton Way Houston, Texas 77055 U.S.A.	Date:

R.K. BANSAL

Full name of third inventor:



As a below named inventor, I hereby declare that:

This declarati	ion is of the following type:				
	original divisional continuation continuation-in-part				
	INVENTORSHIP IDENTIFICATION				
believe I am original, first	e, post office address and citizenship are as stated below next to my name. In the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which and for which a patent is sought on the invention entitled:				
	INSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE				
	SPECIFICATION IDENTIFICATION				
The specifica	ation of which:				
	is filed herewith				
\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or				
	Express Mail No.(as Serial No. not yet known) and was amended on (if applicable)				
	was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on				
ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR					
I hereby sta	ate that I have reviewed and understand the contents of the above-identified in, including the claims, as amended by any amendment referred to above.				
accordance examination that a reason	lge the duty to disclose all information I know to be material to patentability in with Title 37, Code of Federal Regulations, §1.56, and which is material to the of this application; namely, information where there is a substantial likelihood bnable Examiner would consider it important in deciding whether to allow the to issue as a patent.				
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.				

I hereby claim foreign priority benefits under Title 35, Un	ited States Code, §119, of any
provisional or foreign application(s) for patent or invent	tor's certificate or of any PCT
international application(s) designating at least one country	
America listed below, and have also identified below any pro	
for patent or inventor's certificate or any PCT international a	
one country other than the United States of America filed by	
having a filing date before that of the application(s) of which	priority is claimed.

	•						
	\boxtimes	No such	applications	have been f	iled.		
		Such app	olications ha	ve been filed	as follows:		
A.					vithin 12 mos s under 35 U		design) prior to
Cou	intry/PC	<u>et</u>	<u>Application</u>	n Number	<u>Date Filed</u>	Priority C	No
В.			lication(s), i S. applicatio		nore than 12	mos. (6 mos.	for design)
	•	Countr	//PCT	<u>Applicatio</u>	n Number	Filing Date	
C.	U.S. P	rovisiona	al Application		in 12 months	prior to this	application
		-	PRIO	RITY CLAIM	(35 USC §120))	
application that is application first particular information there deciding the second	ation(s) I/are lise ation ise aragrap ation the is subse ng whee date of	or PCT in ted belowed not discless the first material like the first material like the first mantial like the first material l	nternational wand, insoft psed in that/ 35, United erial to the elihood that ow the appli	application(s ar as the su those prior a States Code xamination o a reasonab cation to iss	s) designating ubject matter application(s) i e, §112, I ack of this applicati le Examiner of ue as a paten	the United S of each of the n the manner nowledge the on (namely, in would conside t) which occur	ny United States tates of America ie claims of this provided by the duty to disclose if ormation where it important in the filing date of this
		No such	applications	have been	filed.		
	\boxtimes	Such ap	plications ha	ve been file	d, as follows:		
	ial Num 288,229		Filing Date November 5		Patented	Pending ⊠ □	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William B. Patterson	Registration No. 34,102
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Jason C. Huang	Registration No. 46,222
Randol W. Read	Registration No, 43,876
Kyla D. Cummings	Registration No. 50,682
David M. Haugen	Registration No. 53,000

Send correspondence and direct telephone calls to:

William B. Patterson MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056

Telephone: 713/623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first invento	DAVID.G.	HOSIE
Inventor's signature:	MIN Drive	Date: / 31/04
Hesiderice:	Sugar Land, Texas	
	U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: Des A. L. K
Full name of second inv	ventor: MICHAEL	BRIAN GRAYSON
Inventor's signature:		Date:
Residence:	1415 Shady Valley D	rive
	Sugar Land, Texas U.S.A.	77479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inver	ntor: F.X. BOSTICH	K, III
Inventor's signature:	<u> </u>	Date:
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	ay
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

R.K. BANSAL

(Declaration ends with this page)

Full name of third inventor:



As a below n	amed inventor, I hereby declare that:
	on is of the following type:
	original
	divisional
	continuation
\boxtimes	continuation-in-part
•	INVENTORSHIP IDENTIFICATION
believe I am original, first a is claimed an	the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which d for which a patent is sought on the invention entitled: NSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE
li	
	SPECIFICATION IDENTIFICATION
The specifica	ition of which:
	is filed herewith
\boxtimes	was filed on October 1, 2003, under Serial No. 10/677,135; or
. 🗆	Express Mail No.(as Serial No. not yet known) and was amended on (if applicable)
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I hereby star specification,	te that I have reviewed and understand the contents of the above-identified, including the claims, as amended by any amendment referred to above.
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			applications plications ha				
A .					within 12 mos ns under 35 U		design) prior to
Cou	intry/P(<u>CT</u>	<u>Application</u>	n Number	Date Filed	Priority (☐ Yes ☐ ☐ Yes ☐] No
В.			lication(s), i S. applicatio		more than 12	mos. (6 mos	. for design)
		Countr	y/PCT	<u>Application</u>	on Number	Filing Date	:
c.	U.S. P	Provision	al Applicatio	on filed with	nin 12 months	prior to this	application
			Serial Num	<u>ber Fi</u>	ling Date		·
			PRIO	RITY CLAIM	I (35 USC §120))	· .
application is application in the second in	ation(s) s/are lis ation is aragrap ation th is subs ng whe date of	or PCT isted below not discless of Title nat is matestantial like ther to all	international v and, insof osed in that v 35, United erial to the e elihood that ow the appli	application(ar as the solution) (those prior States Code xamination) a reasonal cation to iss	s) designating ubject matter application(s) e, §112, I ack of this applicatione Examiner as a paten	the United S of each of the in the manne nowledge the ion (namely, i would consid t) which occu	iny United States states of America he claims of this r provided by the duty to disclose of the discreption of the discreption of the filing date of this states.
		No such	applications	s have been	filed.		
	\boxtimes	•	plications ha	ave been file	d, as follows:		
	<u>ial Nun</u> 288,229		Filing Date November		Patented	<u>Pending</u> ⊠	Abandoned

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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B. Todd Patterson	Registration No. 37,906
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Same as above

DECLARATION

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Full name of first invento	or: DAVID G. HO	SIE
Inventor's signature:		Date:
Residence:	63 Harbor View Drive Sugar Land, Texas 7747 U.S.A.	9
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second inv	ventor: MICHAEL BR	AN GRAYSON
Inventor's signature:	· .	Date:
Residence:	1415 Shady Valley Drive Sugar Land, Texas 7747 U.S.A.	

Country of Citizenship: U.S.A.

Post Office Address:

Full name of third invento	r: R.K. BANSAL	
Inventor's signature: Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	Date: January 30, 2004
Post Office Address:	Same as above Country	of Citizenship: U.S.A.
Full name of fourth inven	tor: F.X. BOSTICK, III	
Inventor's signature:	7022 Northhampton Way	Date:
Post Office Address:	Houston, Texas 77055 U.S.A.	of Citizenship: U.S.A.



As a below named inventor, I hereby declare that:

This declaration is of the following type:					
	original				
	divisional				
	continuation				
\boxtimes	continuation-in-part				
	INVENTORSHIP IDENTIFICATION				
believe I am original, first	e, post office address and citizenship are as stated below next to my name. I the original, first and sole inventor (if only one name is listed below) or an and joint inventor (if plural names are listed below) of the subject matter which d for which a patent is sought on the invention entitled:				
Į.	NSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE				
	SPECIFICATION IDENTIFICATION				
The specifica	tion of which:				
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I hereby claim foreign priority benefits under Title 35, United States Code, §119, of an provisional or foreign application(s) for patent or inventor's certificate or of any PC
international application(s) designating at least one country other than the United States of
America listed below, and have also identified below any provisional or foreign application(s for patent or inventor's certificate or any PCT international application(s) designating at leas
one country other than the United States of America filed by me on the same subject matte having a filing date before that of the application(s) of which priority is claimed.

avirig	, a iiiiig	date beit	inat of the	ie application	i(s) or writeri bi	ionty is claim	eu.
	\boxtimes	No such	application	s have been	filed.		
		Such ap	plications h	ave been file	d as follows:		
A.					within 12 mos ns under 35 U		design) prior to
<u>Co</u> ı	untry/PC	<u>CT</u>	Application	on Number	Date Filed	Priority Yes Yes] No
В.			lication(s) S. applicat		more than 12	mos. (6 mos	s. for design)
		Countr	y/PCT	<u>Applicati</u>	on Number	Filing Date	
			•				
c.	U.S. F	Provision	al Applicat	ion filed wit	hin 12 months	prior to this	application
			Serial Nur	<u>nber</u> <u>F</u>	iling Date		
			PRIC	ORITY CLAIM	Л (35 USC §12	0)	
applic that is applic first p inform there decidi filing (ation(s) s/are list ation is aragrap nation the is subs ing whe	or PCT ited below not disclosh of Title nat is matestantial like ther to all	internationary and, inso osed in that 35, United erial to the selihood that low the app	al application of ar as the solution of the so	(s) designating subject matter application(s) de, §112, I ack of this applicated Examiner sue as a paten	the United of the each of the manner of the manner of the each of	any United States States of America the claims of this er provided by the e duty to disclose information where der it important in urred between the I filing date of this
		No such	application	ns have beer	filed.		
	\boxtimes	Such ap	plications I	nave been file	ed, as follows:		
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Full name of first invent	or: DAVID G. F	10515
Inventor's signature:		Date:
Residence:	63 Harbor View Drive Sugar Land, Texas 77 U.S.A.	'479
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second in	ventor: MICHAEL I	BRIAN GRAYSON
Inventor's signature:		Date:
Residence:	1415 Shady Valley Dri Sugar Land, Texas 7	

Country of Citizenship: U.S.A.

Post Office Address:

Full name of third invent	tor: R.K. BANSAL	
Inventor's signature:		Date:
Residence:	10014 Jockey Club Drive Houston, Texas 77065 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of fourth inve	ntor: F.X. BOSTIC	C, III
Inventor's signature:	ZBM	Date: 02 · 19 04
Residence:	7022 Northhampton W Houston, Texas 77055 U.S.A.	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.